

FIG. 1

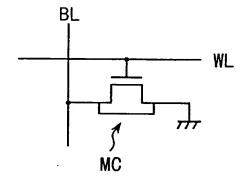


FIG. 2

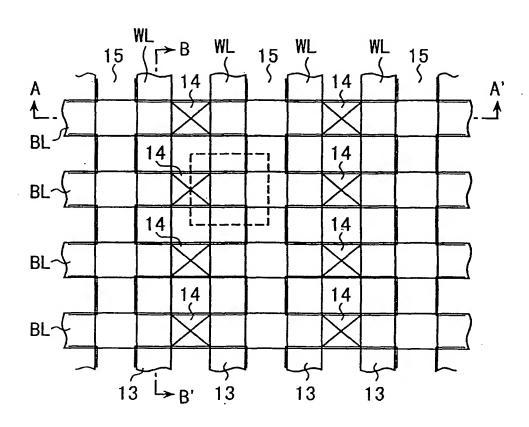


FIG. 3

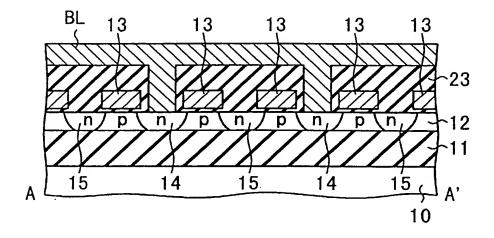


FIG. 4A

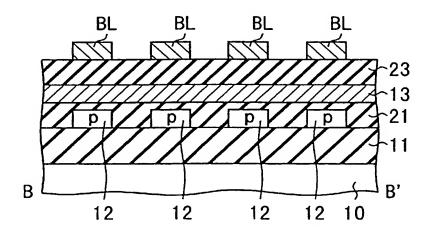


FIG. 4B

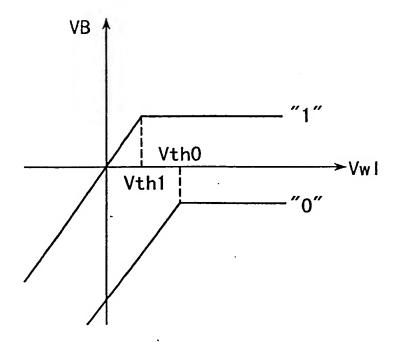


FIG. 5

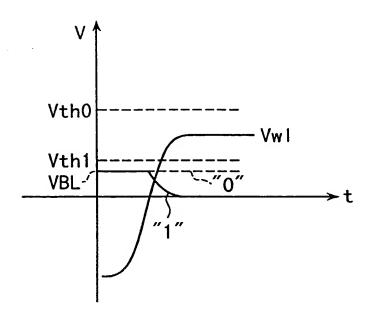


FIG. 6

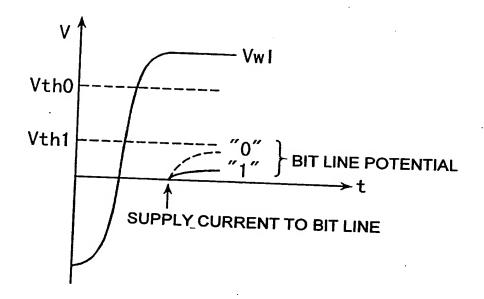


FIG. 7

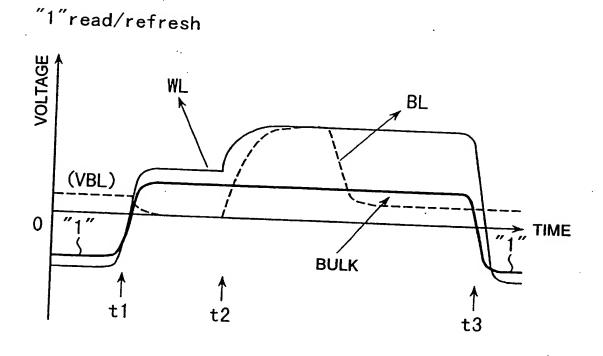


FIG. 8

"0" read/refresh

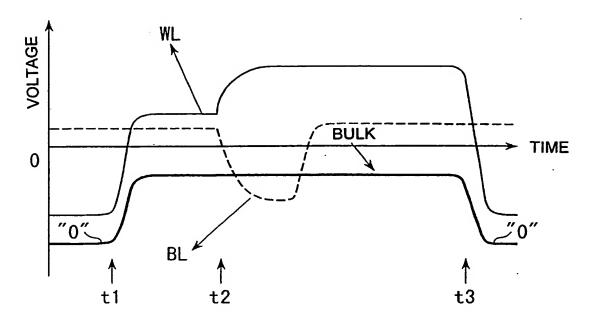
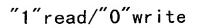


FIG. 9



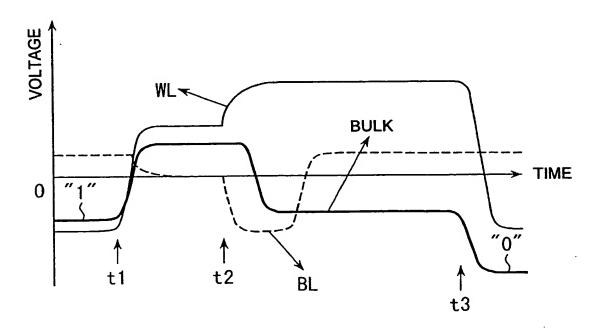


FIG. 10

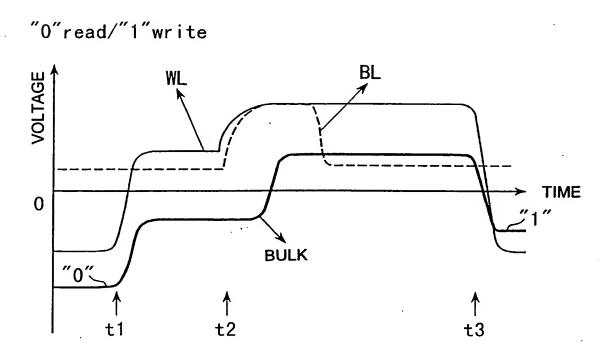


FIG. 11

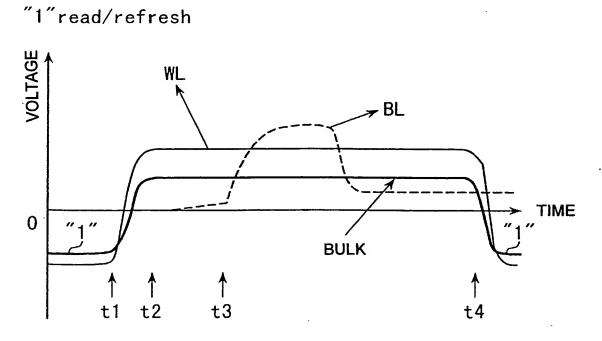


FIG. 12



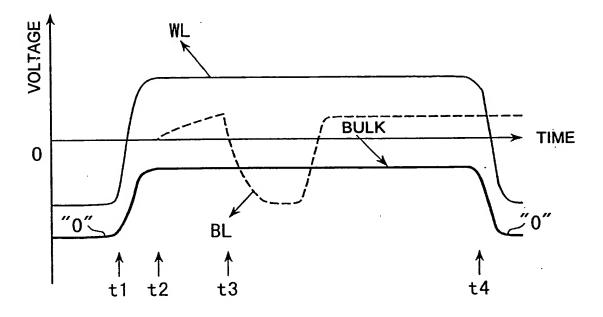
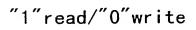


FIG. 13



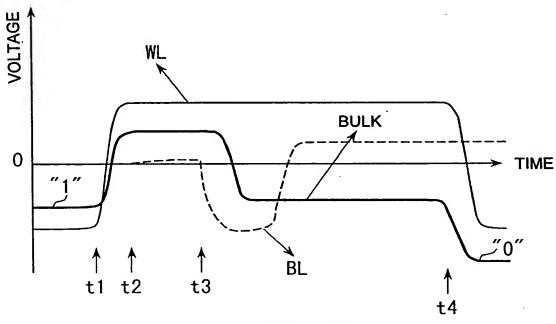


FIG. 14

"0"read/"1"write

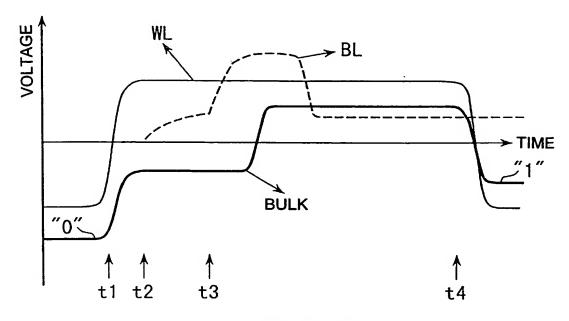


FIG. 15

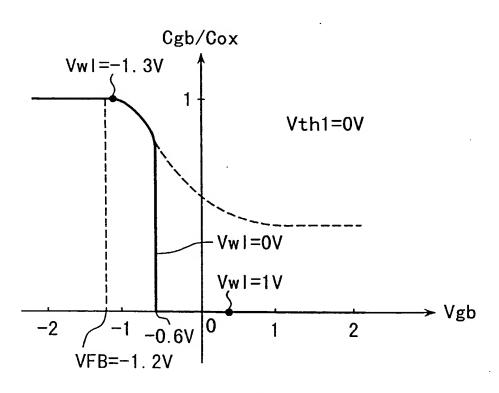


FIG. 16

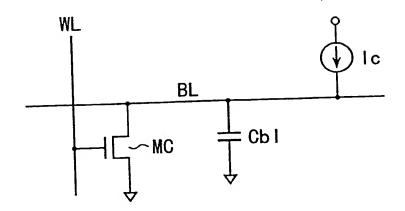


FIG. 17

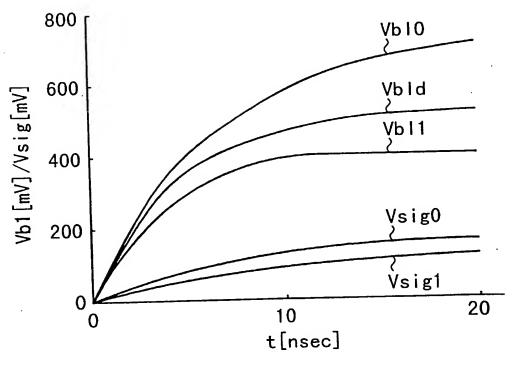


FIG. 18

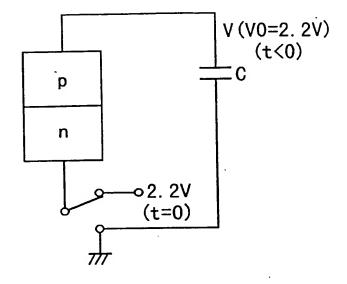


FIG. 19

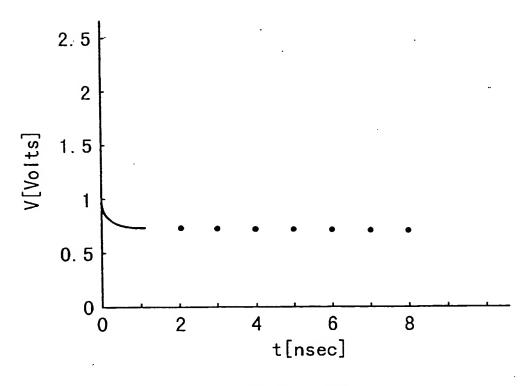


FIG. 20

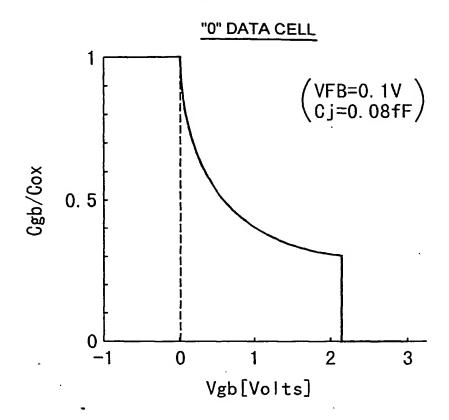


FIG. 21

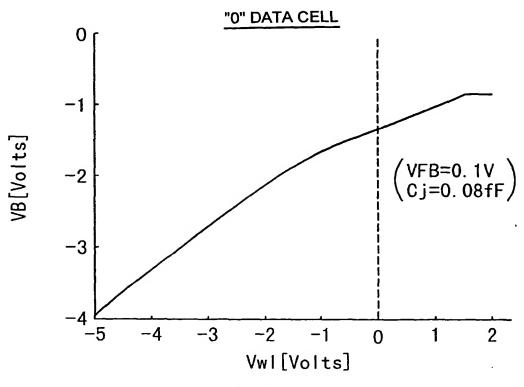


FIG. 22

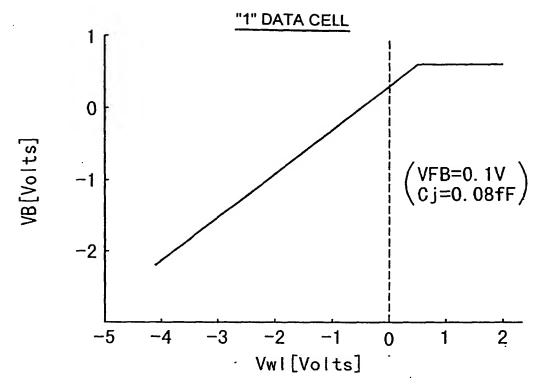


FIG. 23

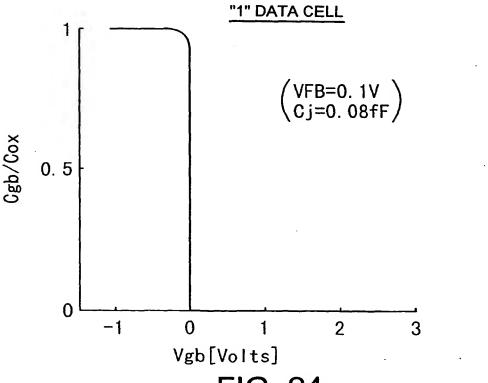


FIG. 24

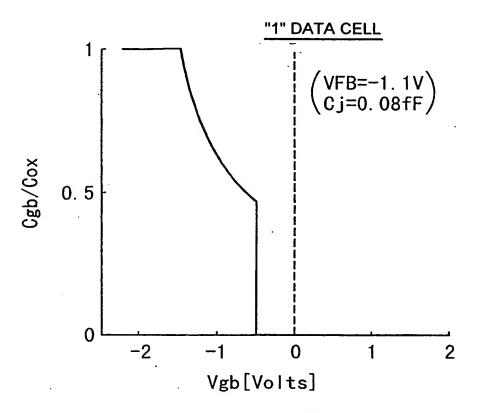


FIG. 25

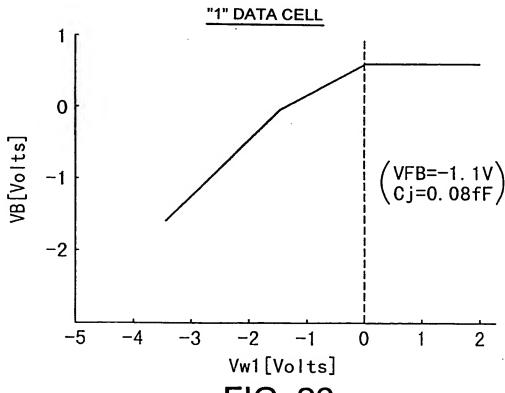


FIG. 26

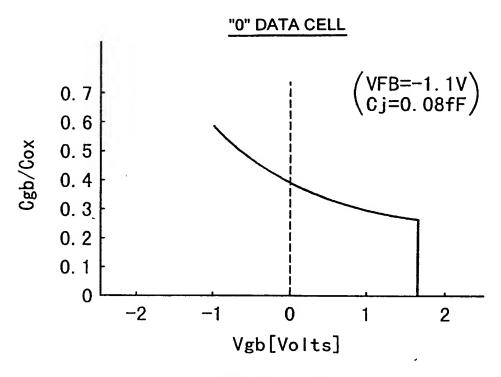


FIG. 27

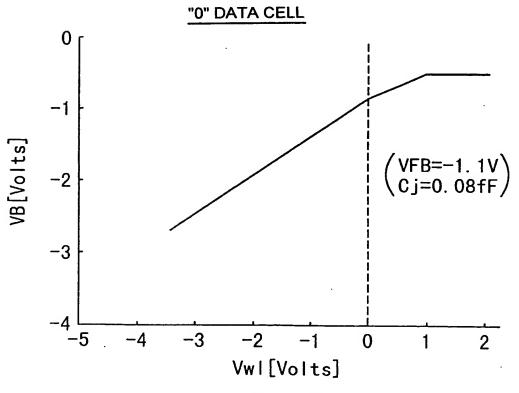


FIG. 28

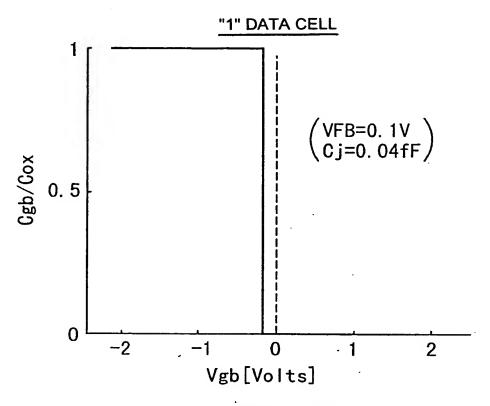
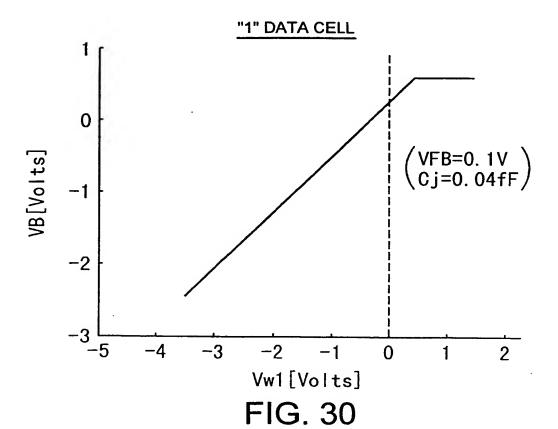


FIG. 29



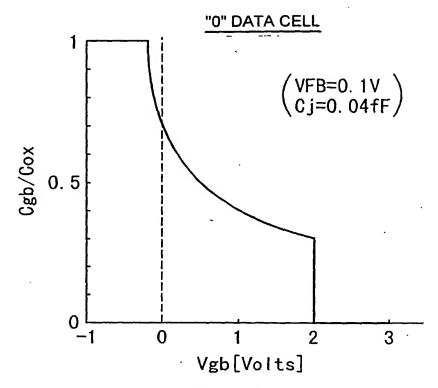


FIG. 31

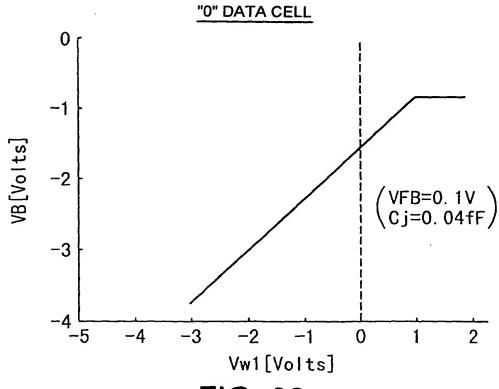
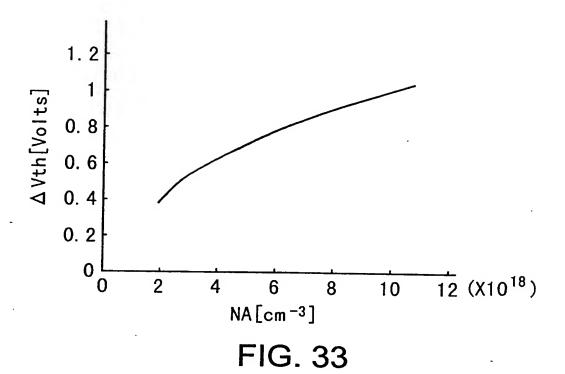
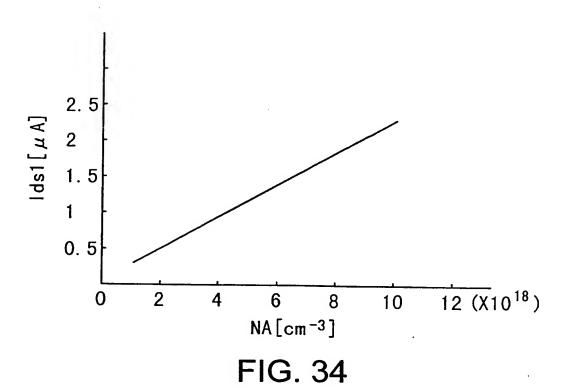


FIG. 32





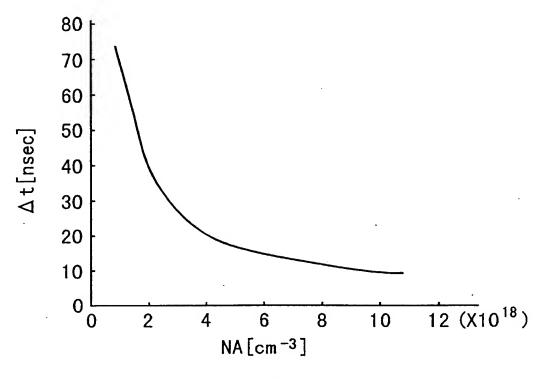


FIG. 35

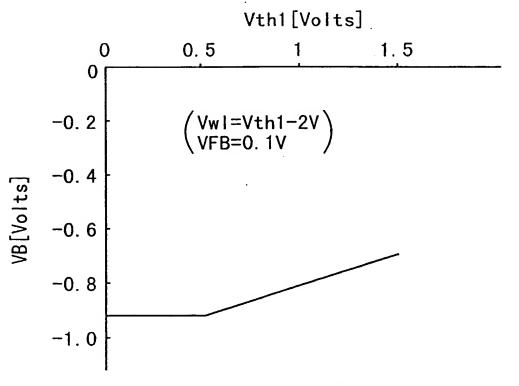


FIG. 36

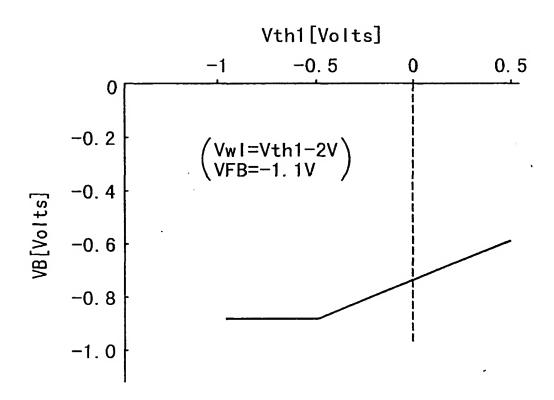


FIG. 37

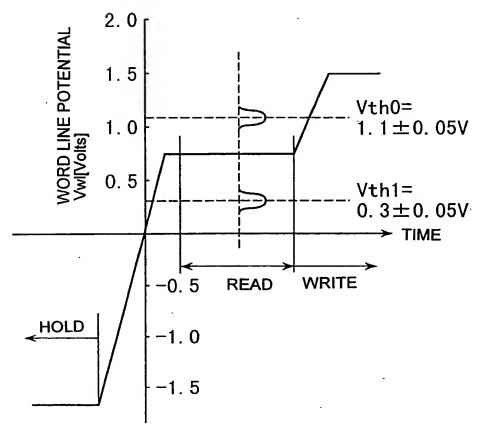
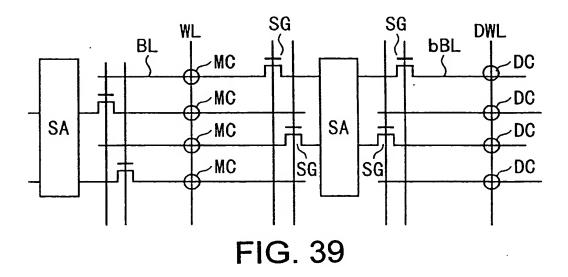


FIG. 38



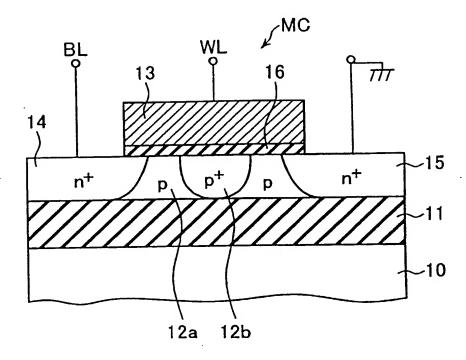


FIG. 40

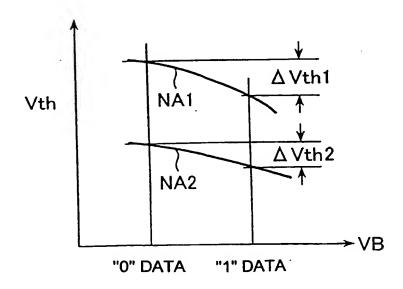


FIG. 41

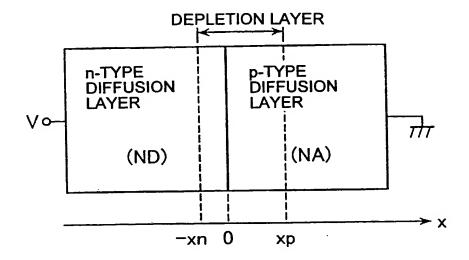


FIG. 42A

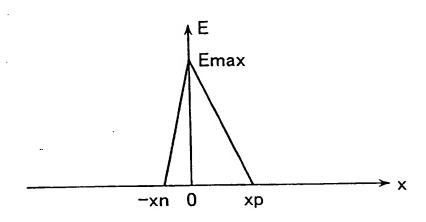


FIG. 42B

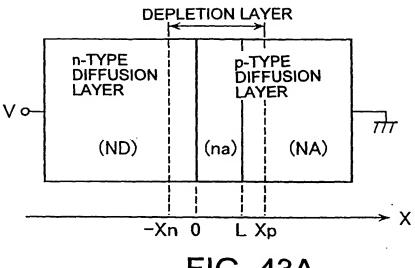


FIG. 43A

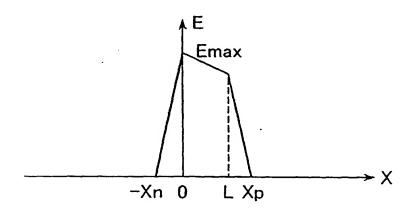


FIG. 43B

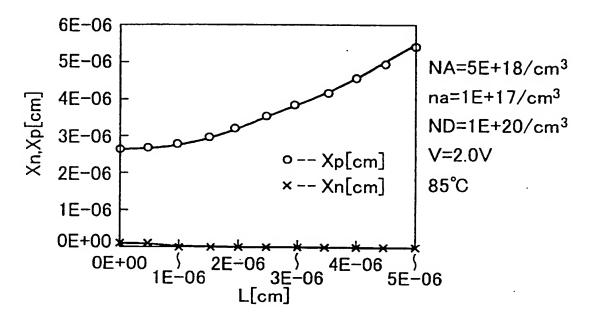


FIG. 44

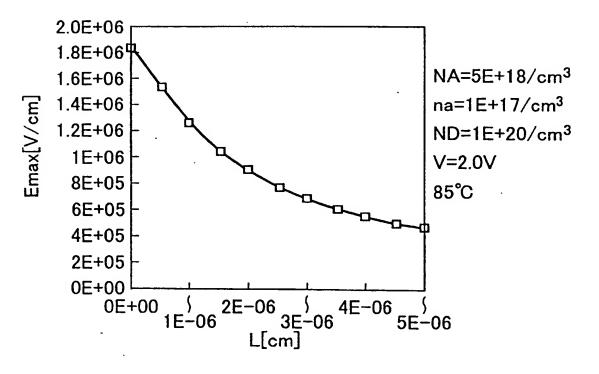
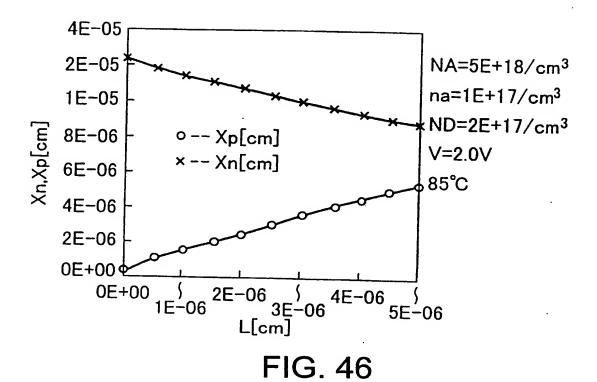


FIG. 45



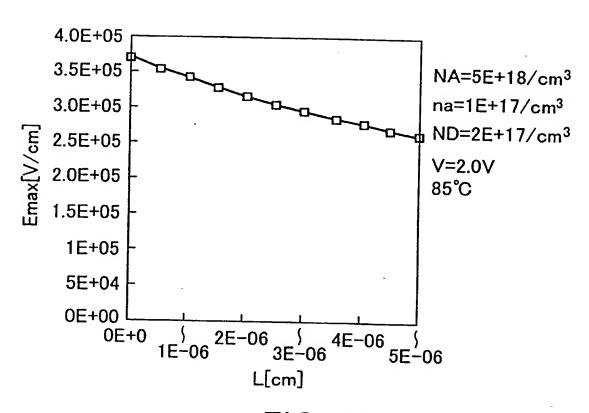


FIG. 47

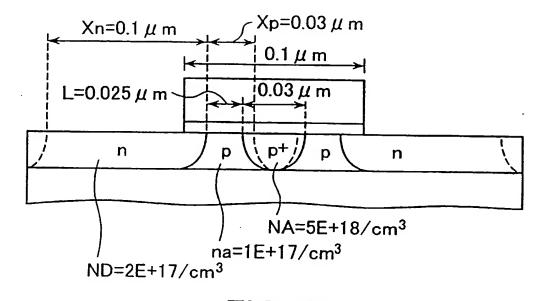


FIG. 48

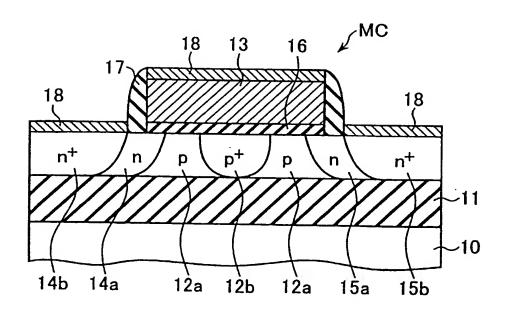


FIG. 49

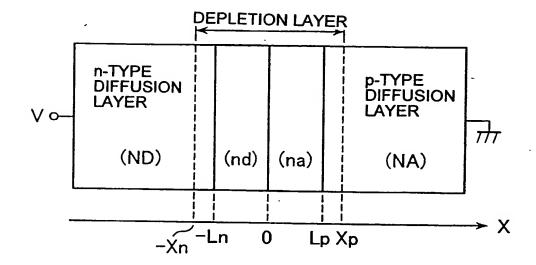


FIG. 50A

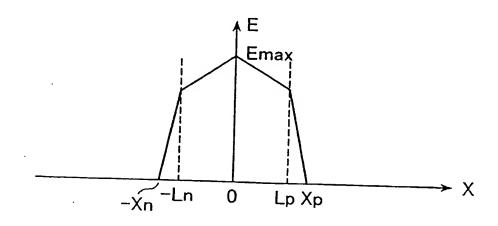


FIG. 50B

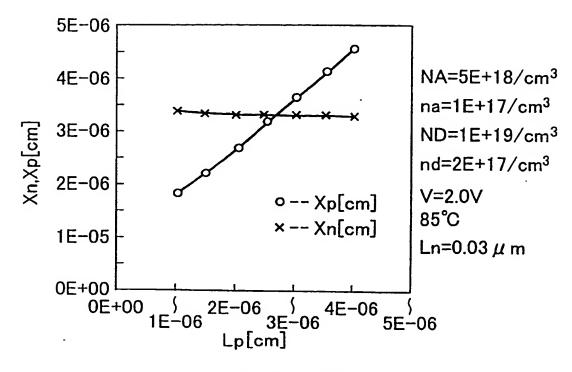


FIG. 51

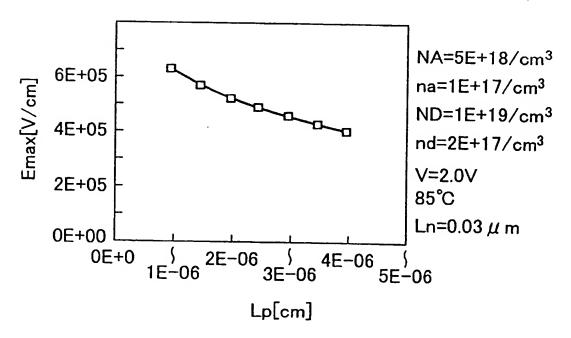


FIG. 52

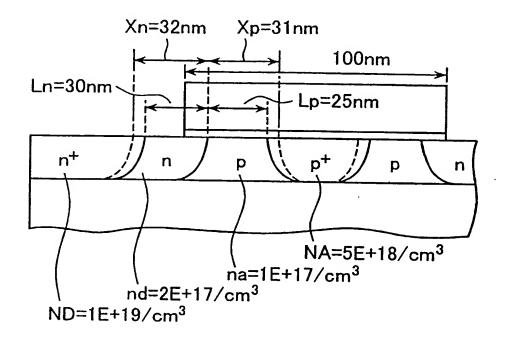


FIG. 53

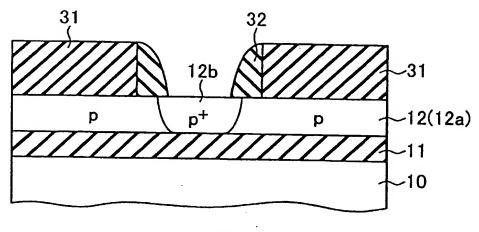


FIG. 54

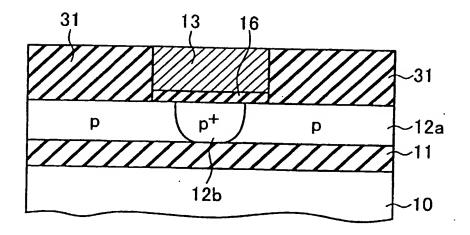


FIG. 55

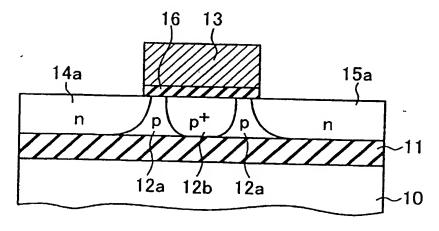


FIG. 56

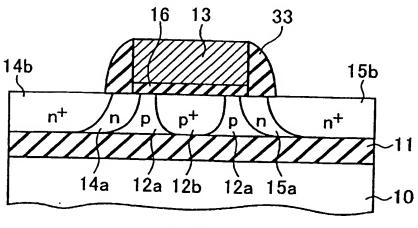


FIG. 57

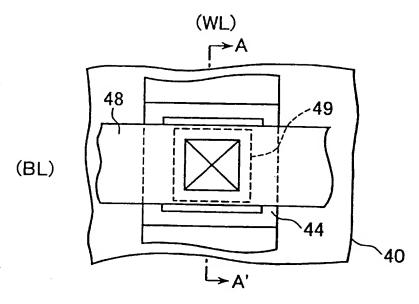
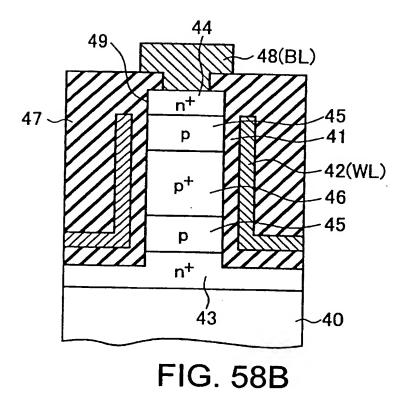
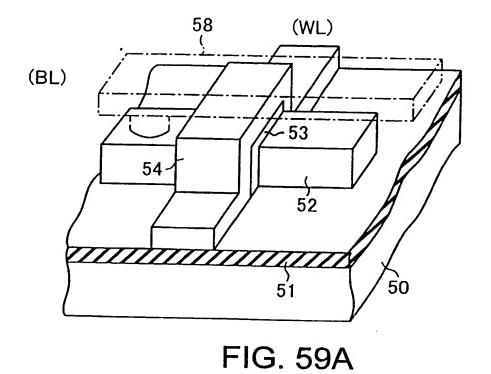


FIG. 58A





53 54(WL) 58(BL)

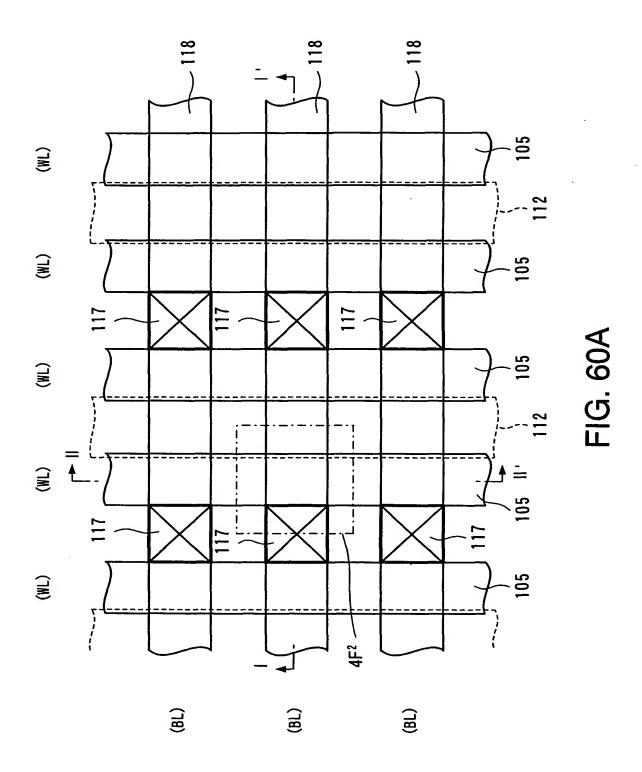
52 n<sup>+</sup> n/p p<sup>+</sup> p n n<sup>+</sup>

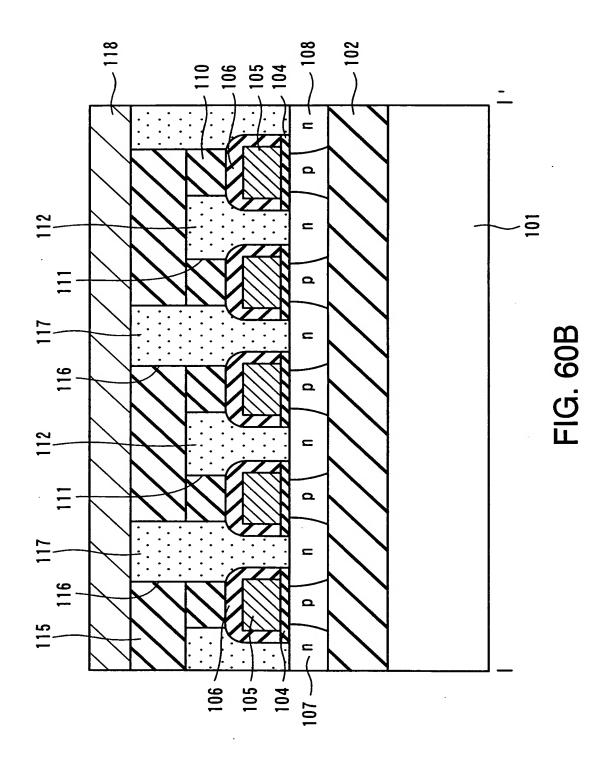
51

55a 52b 56a 50

55b 52a 52a 56b

FIG. 59B





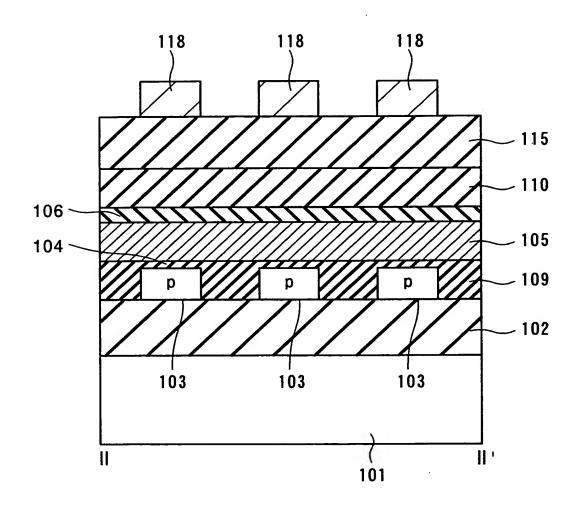
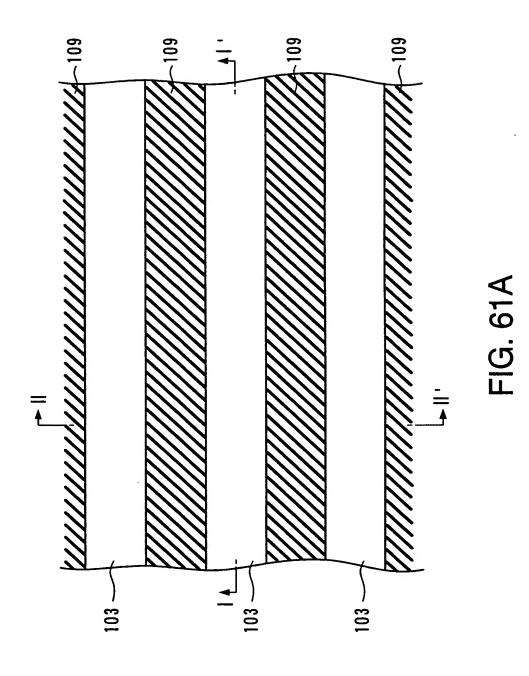
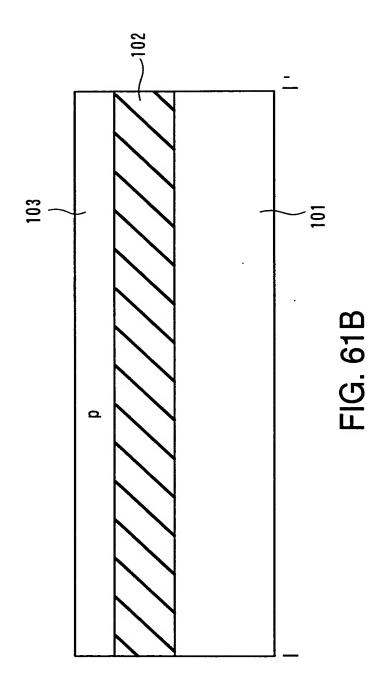


FIG. 60C





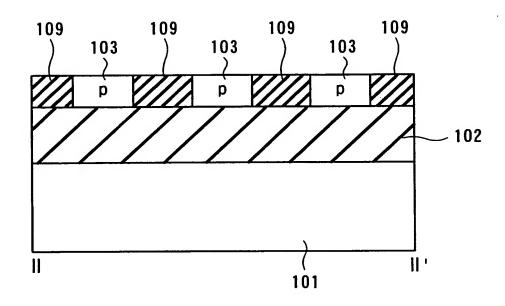


FIG. 61C

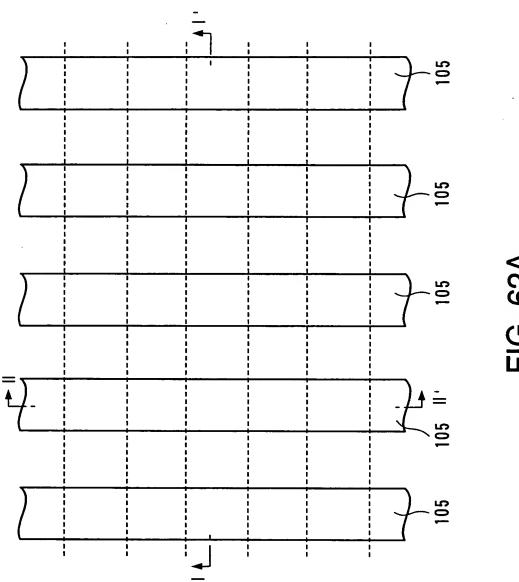
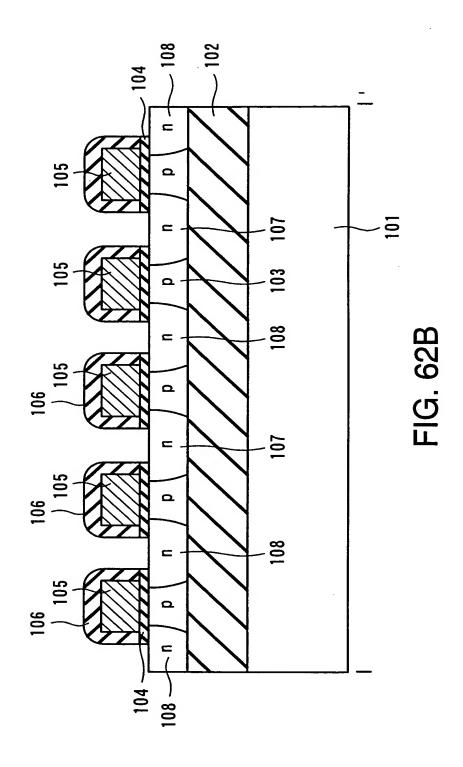


FIG. 62A



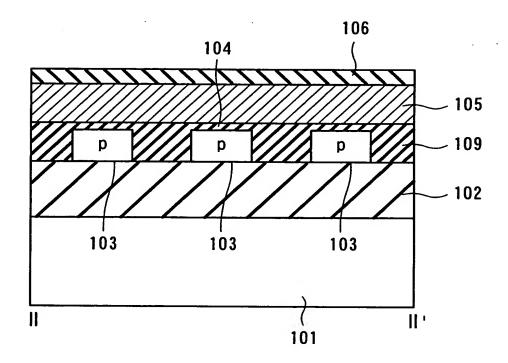


FIG. 62C

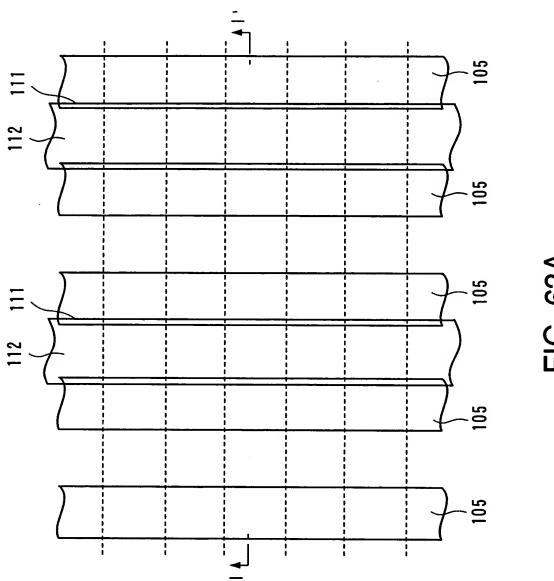


FIG. 63A

